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Amendment
Attorney Docket No. S63.2R-10308-US01

Amendments To The Claims:

Claims 1 – 16 (Canceled)

17. (Currently Amended) A system for deploying a bifurcated stent assembly to a bifurcation site, the system comprising[[:]]

only a single first catheter, the single catheter having only a single balloon;
the single catheter being adapted for insertion into a body vessel and advancement to a bifurcation site along a primary guide wire, the single catheter having at least one stent retaining region for retaining a first stent body in an unexpanded state thereon, the first stent body comprising a substantially tubular stent wall having a circumferential plane, the first stent body being expandable from an unexpanded state to an expanded state, the single balloon being expandable from an unexpanded condition to an expanded condition, the first stent body expanded by the expansion of the single balloon, and a plurality of members moveably engaged to the stent wall, in the unexpanded state the plurality of members being retained substantially within the circumferential plane of the stent wall, in the expanded state the plurality of members being extended radially outward from the first stent body to form a scaffold, the scaffold defining a side opening in the stent wall.

18. (Original) The system of claim 17 wherein the first stent body is characterized as being self-expandable, balloon expandable or hybrid expandable.

19. (Original) The system of claim 17 wherein the plurality of members are characterized as being self-expandable, balloon expandable or hybrid expandable.

20. (Canceled)

21. (Currently Amended) The stent delivery system of claim 17 wherein the first stent body is characterized as having a proximal portion and a distal portion, the first stent body constructed and arranged to be inserted around a contra lateral wall of the bifurcation site such that the distal

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portion extends from a primary vessel of the bifurcation site into a secondary vessel of the bifurcation site, the proximal portion of the first stent body constructed and arranged to be positioned proximal to a carina of the bifurcation, the side opening of the first stent body constructed and arranged to be positioned adjacent to the carina of the bifurcation site such that the scaffold extends into the primary vessel adjacent to the carina.

Claims 22 – 34. (Canceled)

35. (Original) The stent delivery system of claim 17 wherein the at least one stent mounting region comprises a first stent mounting region and a second stent mounting region, the first stent mounting region being positioned distally from the second stent mounting region, the first stent mounting region being constructed and arranged to retain the first stent body in the unexpanded state thereon, the second stent mounting region constructed and arranged to retain a second stent body in an unexpanded state thereon.

36. (Currently Amended) The stent delivery system of claim 35, the ~~first~~ single catheter is constructed and arranged to deliver the first stent body to the bifurcation site such that the first stent body is positioned at least partially across an ostium of a secondary vessel, such that when the first stent body is in the expanded state the scaffold extends into the secondary vessel.

37. (Currently Amended) The stent delivery system of claim 36, wherein following delivery of the first stent body the primary guide wire and ~~first~~ single catheter are constructed and arranged to be withdrawn from the first stent body and reinserted through the side opening of the first stent body into the secondary vessel.

38. (Currently Amended) The stent delivery system of claim 37 wherein the ~~first~~ single catheter is further constructed and arranged to deliver the second stent body in the expanded state to a position in the secondary vessel adjacent to the side opening of the first stent body, such that an end of the second stent body is engaged by the scaffold.

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39. (Original) The stent delivery system of claim 17 wherein at least a portion of the first stent body is constructed from a shape-memory material.

40. (Original) The stent delivery system of claim 17 wherein at least a portion of the first stent body is constructed from a metal selected from the group consisting of stainless steel, nitinol, Elgiloy, shape-memory material, and any combination thereof.